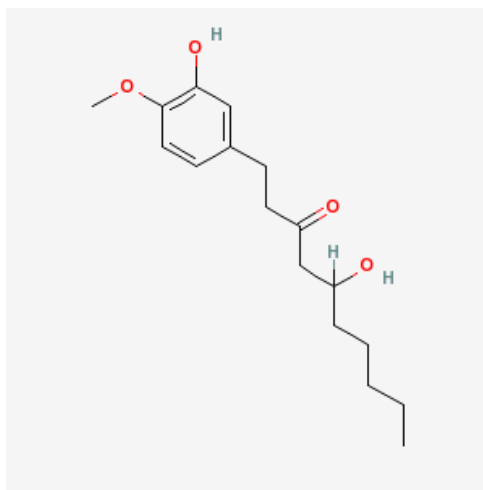


Product ID: PCM-ZO-001
Marker For: *Zingiber officinale* Roscoe
Name: 6-Gingerol
CAS Number: 23513-14-6

Structure:

Molecular Formula: C₁₇H₂₆O₄
Molecular Weight: 294.38594 [g/mol]
Melting Point: 34-36°C
Solubility: Respectively soluble in Chloroform, Aether, Benzene, Acetone. Light soluble in Alcohol, Methanol. Insoluble in Water.
Character: Light Yellow Oil

Storage Condition:

Package: Brown glass bottle
Storage: -18°C with good seal. Vacuum drying with P₂O₅ for 12 hours before using.

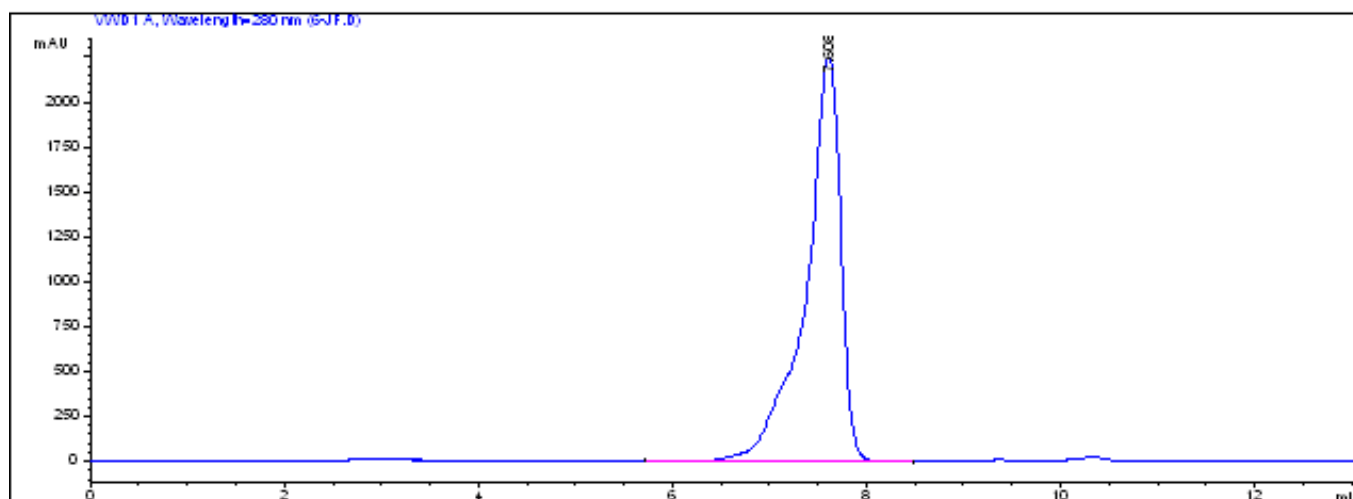
Analytical Results:

Test	Specification	Result
HPLC	NA	98.02%
Mass Spectrum	Conforms	Conform

Analysis Conditions:

Instrument:	Waters 600 HPLC Pump Waters 2487
Column:	Phenomenex C-18 250*4.6mm 5 μ
Column Temperature:	25°C
Mobile Phase:	Methanol-Water 65-35
Flow Rate:	1.0ml/min
Detection:	280nm

HPLC Chromatogram of 6-Gingerol:



Mass of Spectrum of 6-Gingerol:

scan-1 #22 RT: 0.19 AV: 1 NL: 4.57E7
T: -c Q1MS [50.00-500.00]

